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|--|--|---|
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>  |  | ATTORNEY'S DOCKET NUMBER<br>34869-230505<br>U.S. APPLICATION NO. unknown, see 37 CFR 1.5)<br>Not Yet Assigned |
| INTERNATIONAL APPLICATION NO.<br>PCT/JP2004/015891   | INTERNATIONAL FILING DATE<br>27 October 2004 | PRIORITY DATE CLAIMED<br>4 November 2003  |
| TITLE OF INVENTION<br>ECHO CANCELLER   |  |   |
| APPLICANT(S) FOR DO/EO/US<br>Masashi TAKADA  |  |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |   |
| 1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.<br>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.<br>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.<br>4. <input type="checkbox"/> The US has been elected (Article 31).<br>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) (in Japanese).<br>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).<br>b. <input type="checkbox"/> has been communicated by the International Bureau.<br>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).<br>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<br>a. <input checked="" type="checkbox"/> is attached hereto.<br>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).<br>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).<br>a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).<br>b. <input type="checkbox"/> have been communicated by the International Bureau.<br>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.<br>d. <input type="checkbox"/> have not been made and will not be made.<br>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).<br>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).<br>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).<br><b>Items 11 to 20 below concern document(s) or information included:</b><br>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, with PTO/SB/08A Form.<br>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.<br>13. <input checked="" type="checkbox"/> First Preliminary Amendment.<br>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.<br>15. <input type="checkbox"/> A substitute specification.<br>16. <input type="checkbox"/> A power of attorney and/or change of address letter.<br>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.<br>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).<br>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). |  |   |

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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10/577989

PTO-1390 (Rev. 07-2005)

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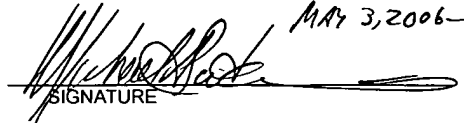
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AP20060503 PTO 03 MAY 2006

- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 22-0261 in the amount of \$ 940.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 22-0261. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

  
SIGNATURE

Michael A. Sartori, Ph.D.  
NAME

CUSTOMER NUMBER: 26694

41,289  
REGISTRATION NUMBER

#746904

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|  |  |                          |                       |
|--|--|--------------------------|-----------------------|
| Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).        |  | <b>Complete if Known</b> |                       |
| <b>FEE TRANSMITTAL</b><br><b>For FY 2006</b>                                   |  | Application Number       | Not Yet Assigned      |
|  |  | Filing Date              | Concurrently Herewith |
|  |  | First Named Inventor     | Masashi TAKADA        |
|  |  | Examiner Name            | Not Yet Assigned      |
|  |  | Art Unit                 | Not Yet Assigned      |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 |  | Attorney Docket No.      | 31869-230505          |
| <b>TOTAL AMOUNT OF PAYMENT</b>   |  | <b>(\$)</b>              | 940.00                |

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 22-0261 Deposit Account Name: Venable LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)**

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 300         | 150                   | 500         | 250                   | 200              | 100                   |                |
| Design           | 200         | 100                   | 100         | 50                    | 130              | 65                    |                |
| Plant            | 200         | 100                   | 300         | 150                   | 160              | 80                    |                |
| Reissue          | 300         | 150                   | 500         | 250                   | 600              | 300                   |                |
| Provisional      | 200         | 100                   | 0           | 0                     | 0                | 0                     |                |

| Fee Description                                    | Small Entity |          |
|--|--------------|----------|
|  | Fee (\$)     | Fee (\$) |
| Each claim over 20 (including Reissues)            | 50           | 25       |
| Each independent claim over 3 (including Reissues) | 200          | 100      |
| Multiple dependent claims                          | 360          | 180      |


| Total Claims   | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims |               |
|--|--------------|----------|---------------|---------------------------|---------------|
| 8  | - 20 =       | x        | =             | Fee (\$)                  | Fee Paid (\$) |
| HP = highest number of total claims paid for, if greater than 20.      |              |          |               |                           |               |
| Indep. Claims  | Extra Claims | Fee (\$) | Fee Paid (\$) |                           |               |
| 1  | - 3 =        | x        | =             |                           |               |
| HP = highest number of independent claims paid for, if greater than 3. |              |          |               |                           |               |

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$)                       | Fee Paid (\$) |
|--------------|--------------|--|--------------------------------|---------------|
|              | - 100 =      | /50  | (round up to a whole number) x | =             |

| 4. OTHER FEE(S)  |  |  |  | Fees Paid (\$) |
|--|--|--|--|----------------|
| Non-English Specification, \$130 fee (no small entity discount)                              |  |  |  |                |
| Other (e.g., late filing surcharge): 8021 Recording each patent assignment, agreement or ... |  |  |  | 40.00          |
| 1631 Basic National Stage fee  |  |  |  | 300.00         |
| 1642 National Stage Search Fee - search report ...   |  |  |  | 400.00         |
| 1633 National Stage Examination Fee - all other ...  |  |  |  | 200.00         |

|                     |   |                                   |                |
|---------------------|---|-----------------------------------|----------------|
| <b>SUBMITTED BY</b> |   |                                   |                |
| Signature           |  | Registration No. (Attorney/Agent) | 41,289         |
| Name (Print/Type)   | Michael A. Sartori, Ph.D.   | Telephone                         | (202) 344-4000 |
|                     |   | Date                              | May 3, 2006    |

#747252

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Masashi TAKADA

International Application No.:  
PCT/JP2004/015891

International Filing Date:  
October 27, 2004

Appl. No. To Be Assigned

Art Unit: To Be Assigned

Confirmation No. To Be Assigned

Examiner: To Be Assigned

Filed: May 3, 2006

Atty. Docket No. 31869-230505

For: ECHO CANCELLER

Customer No.



**Submission of Formal Drawings**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicant submits herewith nine (9) sheet of formal drawings, containing Figures 1-9.

Respectfully submitted,

Date: May 3, 2006

A handwritten signature in black ink, appearing to read "Michael A. Sartori".

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